

(circle one potential)

LOW

MEDIUM

HIGH

AIM SITE DISCOVERY FORM

Name: Oriole Mine Region 06 Forest 08 District 05 Site No. 397
State WA County Pend Oreille Lat. 48°51'37" Long. 117°24'48" Tract # _____
Principal Meridian 33 Section 19 Township 39N Range 43E

Land Ownership (circle one): Private land; FS land; Mixture; Undetermined; If private land, does it affect FS land? If no, stop here. *Metalline Quad*

CRITERIA A Answer each question with Y=yes or N=no.

- Y 1. Are there adits with discharge or evidence of discharge?
N 2. Are there millsites or tailings present?
3. If the mine waste rock volume is > 500 yd³, then complete (a) through (e), otherwise go to 4.
? (a) Is the potential source located in a municipal watershed?
N (b) Is the potential source located in a floodplain?
N (c) Are there dwellings, residences, campsites, or other public use areas nearby (e.g. 200 feet)?
Y (d) Are there domestic wells within a 4-mile radius of the site?
Y (e) Are there surface water intakes within 15 miles downstream of the site?
N 4. Is there known damage to fisheries, T&E species, downstream aquatic communities, wetlands, or other sensitive environments?
N 5. Are there unidentified materials, chemicals, or wastes, etc., on site?

GENERAL INFORMATION

Are there open adits or shafts present? (circle one) yes no

Are there dangerous structures present? (circle one) yes no *Deteriorating ore bin/bldgs.*

Total area/Disturbed area (acres) 2 1 0.5 ac

Level of public interest: Low X Medium: ___ High: ___

Rodney T. Xantz
Signature

8/10/93
Date

If any answer in CRITERIA A is yes, go to CRITERIA B, otherwise circle LOW on top of page and stop.

Name: _____ Region _____ Forest _____ District _____ Site No. _____

CRITERIA B Answer each question with Y=yes, or N=no.

N 6. Is site under regulatory or legal action?

N 7. Is there a mine waste stability concern?

8. Is there evidence of acidic and/or heavy metal conditions present? Check Y if any answer to questions (a) through (d) below is circled yes.

(a)	Is surface water discolored?	Yes	<u>No</u>
(b)	Is vegetation affected?	Yes	<u>No</u>
(c)	Is pH value < 4?	Yes	<u>No</u>
(d)	Others (explain)	Yes	<u>No</u>

If question (6), (7), or (8) is answered yes, it is a HIGH POTENTIAL SITE, otherwise, it is a MEDIUM POTENTIAL SITE. Circle the appropriate entry on the top of the page and continue.

DETAIL DESCRIPTION/COMMENTS (fill in as much information as appropriate)

Stream or discharge water:

Flow rate (cfs)

pH value

Specific conductivity MS

Temp.

ORP

Lower Adit

date <u>8-10-93</u>	value <u>~409ppm</u>	date _____	value _____
date <u>"</u>	value <u>8.2</u>	date _____	value _____
date <u>"</u>	value <u>150</u>	date _____	value _____
date <u>"</u>	value <u>9.8°C</u>	date _____	value _____
	<u>176 mV</u>		

NFS Watershed Code _____ Affected stream name and length 0

Total area/Disturbed area (acres) 1 Adit No. 5 Shaft No. _____

Impoundment area (acres) NA Tailings (yd³) NA Waste Rock (yd³) >1000

Structures (buildings, headframes, mills, etc.) Explain: ore bin, several one-room cabins, 2-story house

Other data, comments, and explanations included on the back of this page? Yes _____ No _____

Rodney Lantz
Signature

8-10-93
Date

SOUND ANALYTICAL SERVICES, INC.

SPECIALIZING IN INDUSTRIAL & TOXIC WASTE ANALYSIS

4813 PACIFIC HIGHWAY EAST, TACOMA, WASHINGTON 98424 - TELEPHONE (206)922-2310 - FAX (206)922-5047

TRANSMITTAL MEMORANDUM

DATE: October 17, 1994

TO: Rod Lentz
Okanogan National Forest

PROJECT: Slagle
P. O. No. 43-15H7-5-003

LABORATORY NUMBER: 43613

Enclosed are the original and one copy of the Tier II data deliverables package for Laboratory Work Order Number 43613. Four samples were received for analysis at Sound Analytical Services, Inc., on October 4, 1994.

Should there be any questions regarding this data package, please do not hesitate to call me at (206) 922-2310.

Sincerely,



Thomas Boyden
Project Manager

OM-1

Adit discharge
water sample
from Lower Adit

See Slagle Exch.
Folder for
complete analysis
Rpt

SOUND ANALYTICAL SERVICES, INC.

Okanogan National Forest
Project: Slagle
Lab No. 43613
October 17, 1994

Lab Sample No. 43613-4

Client ID: OM-1

Total ICP Metals Per EPA Method 200.7
Date Analyzed: 10-10-94
Units: mg/L

<u>Parameter</u>	<u>Result</u>	<u>PQL</u>
Barium	0.034	0.005
Cadmium	ND	0.005
Chromium	ND	0.01
Copper	0.034	0.025
Iron	1.3	0.10
Zinc	0.37	0.02

Total ICP-MS Metals Per EPA Method 200.8
Date Analyzed: 10-10-94
Units: mg/L

<u>Parameter</u>	<u>Result</u>	<u>PQL</u>
Arsenic	ND	0.01
Lead	0.14	0.003

ND - Not Detected

PQL - Practical Quantitation Limit

SOUND ANALYTICAL SERVICES, INC.

Okanogan National Forest
Project: Slagle
Lab No. 43613
October 17, 1994

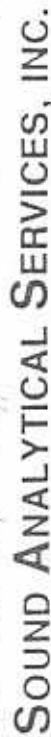
Lab Sample No. 43613-4

Client ID: OM-1

General Chemistry Units: mg/L

<u>Parameter</u>	<u>Method</u>	<u>Result</u>	<u>PQL</u>
Sulfate	EPA 300.0	7	1
Total Dissolved Solids	EPA 160.1	140	5
Alkalinity	EPA 310.1	90	2.5

PQL - Practical Quantitation Limit

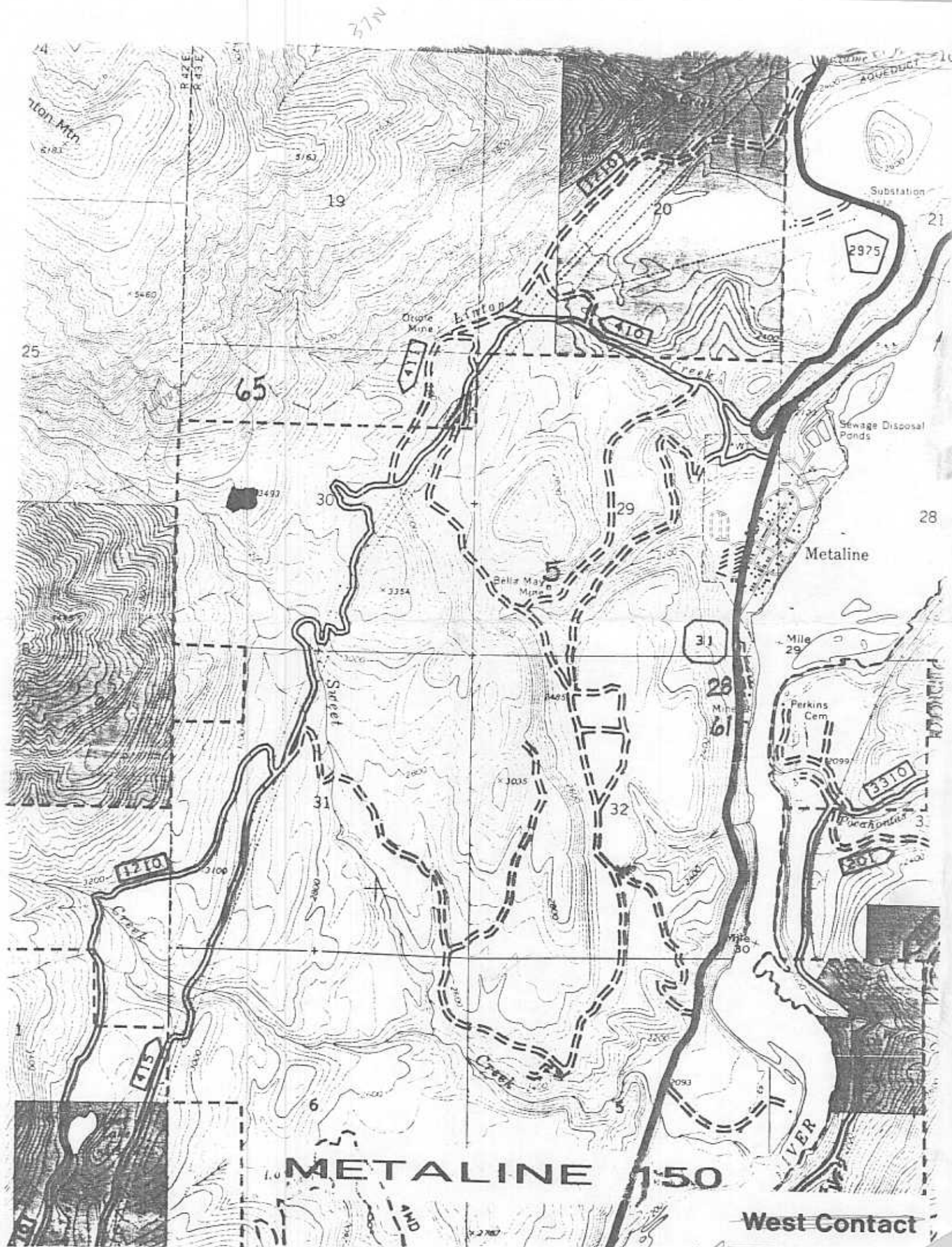


ANALYTICAL & ENVIRONMENTAL CHEMISTS

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Tacoma, Washington 98424
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CHAIN OF CUSTODY / REQUEST FOR LABORATORY ANALYSIS

[illegible]



METALINE 150

West Contact